

INCH-POUND

AN3362  
 REVISION 6  
 27 October 1999  
 SUPERSEDING  
 REVISION 5  
 30 August 1957

## DETAIL SPECIFICATION SHEET

RELAY, 100 AMP, 2PST,  
 UNSEALED, CLASS O, TYPE II

INACTIVE FOR NEW DESIGN  
 AFTER 30 AUGUST 1957

This specification is approved for use by all Departments and  
 Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist  
 of this specification and MIL-PRF-6106.

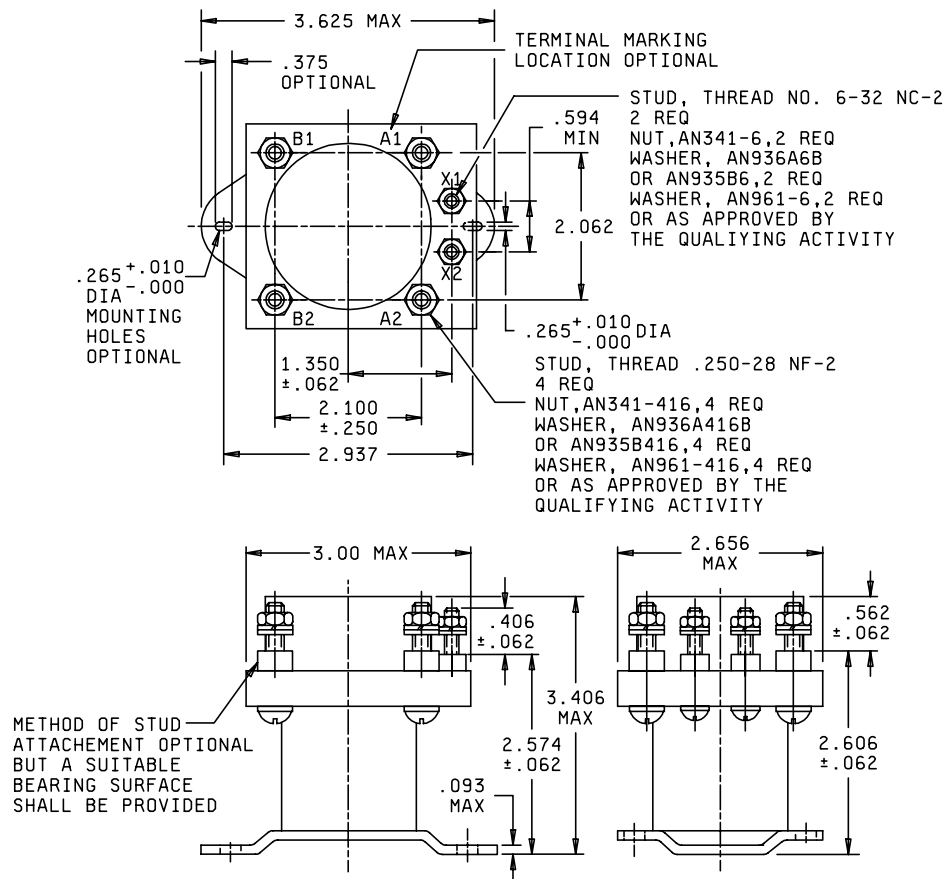
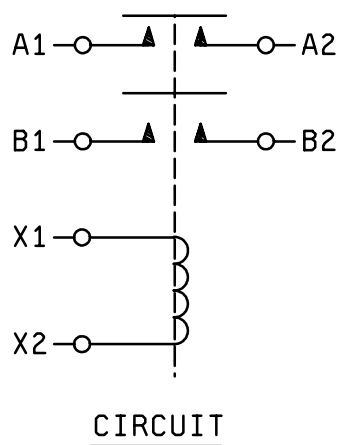


FIGURE 1. Configurations and dimensions.

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| Inches | mm    |
|--------|-------|
| .010   | 0.25  |
| .062   | 1.57  |
| .093   | 2.36  |
| .250   | 6.35  |
| .265   | 6.73  |
| .281   | 7.14  |
| .375   | 9.53  |
| .406   | 10.31 |
| .562   | 14.27 |
| .594   | 15.09 |
| 1.350  | 34.29 |
| 2.062  | 52.37 |
| 2.100  | 53.34 |
| 2.574  | 65.38 |
| 2.606  | 66.19 |
| 2.656  | 67.46 |
| 2.937  | 74.60 |
| 3.00   | 76.20 |
| 3.406  | 86.51 |
| 3.625  | 92.08 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is  $\pm .010$ .

FIGURE 1. Configurations and dimensions - Continued.

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REQUIREMENTS:

Operating cycles: 50,000 minimum.

Contact data:

Contact voltage drop:

Initial: 0.150 volt maximum.

After life: 0.175 volt maximum.

Load ratings: See Table I.

TABLE I Rated contact load (per pole).

| Type of load                     | Amperes |
|----------------------------------|---------|
| Resistive (DC)                   | 100     |
| Resistive (AC 400 Hz, 115 volts) | 75      |
| Inductive                        | 80      |
| Motor (DC)                       | 80      |
| Motor (AC 400 Hz, 115 volts)     | 65      |

Coil data:

Nominal coil voltage: Rated.

Maximum operating voltage: 29 volts.

Pickup voltage: 20 volts.

Hold voltage: 7 volts.

Dropout voltage: 1.5

Rated duty: Continuous.

Coil current: 0.6 amperes

Physical data:

Weight: 1.5 pounds maximum.

Part or Identifying Number (PIN): AN3362-1

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Custodians:  
Army - AV  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC  
(Project 5945-1068)